

Figure 3

SEQ ID NO: 5

60 aaataaaat ataaatttag ttttaagtaa aaacttcga aaaaaatgag acttcgcttg
 120 aaatgacgaa ggtgtcttt cgaagaagca gctatttca atattctgc cttttgaaa
 180 gtcgagaaca agaataaact tttttcgcg tttatttcat cattatttag gatagttctt
 228 atg ttg aat aaa gca ggc att gca gag ccg agc ttg ttg act cgt gcg
 Met Leu Asn Lys Ala Gly Ile Ala Glu Pro Ser Leu Trp Thr Arg Ala
 1 5 10 15
 gat gct atg aaa gtg cat acc gat gat ccc acg gca acc atg cct acc
 Asp Ala Met Lys Val His Thr Asp Asp Pro Thr Ala Thr Met Pro Thr
 20 25 30
 att gat tat gac ttt cct gtc atg act gat aaa tat tgg gtt tgg gac
 Ile Asp Tyr Asp Phe Pro Val Met Thr Asp Lys Tyr Trp Val Trp Asp
 35 40 45
 act tgg ccc tta cgc gat att aac ggt cag gtt gtc agc ttc caa ggt
 Thr Trp Pro Leu Arg Asp Ile Asn Gly Gln Val Val Ser Phe Gln Gly
 50 55 60
 tgg tgg atc ttt gct ttg gtc gct gat cgc acc aaa tat ggt tgg
 Trp Ser Val Ile Phe Ala Leu Val Ala Asp Arg Thr Lys Tyr Gly Trp
 65 70 75
 cat aat cgc aat gat ggc gcc aga att ggt tat ttc tat tca cgt ggt
 His Asn Arg Asn Asp Gly Ala Arg Ile Gly Tyr Phe Tyr Ser Arg Gly
 80 85 90 95
 gga agc aac tgg att ttt ggt ggt cat ctt ctg aaa gat ggt gcc aat
 Gly Ser Asn Trp Ile Phe Gly Gly His Leu Leu Lys Asp Gly Ala Asn
 100 105 110
 ccg cgt tct tgg gaa tgg tct ggt tgc acg att atg gca ccg ggt acg
 Pro Arg Ser Trp Glu Trp Ser Gly Cys Thr Ile Met Ala Pro Gly Thr
 115 120 125
 gcc aat tct gtc gaa gta ttc ttt acg tct gtc aat gat acg ccg tca
 Ala Asn Ser Val Glu Val Phe Thr Ser Val Asn Asp Thr Pro Ser
 130 135 140
 gaa tcc gtt cct gcc cag tgc aag ggc tac atc tat gcc gat gat aaa
 Glu Ser Val Pro Ala Gln Cys Lys Gly Tyr Ile Tyr Ala Asp Asp Lys
 145 150 155 160
 tcc gta tgg ttt gac ggt ttt gat aaa gtcg acc gat ctg ttt cag gca
 Ser Val Trp Phe Asp Gly Phe Asp Lys Val Thr Asp Leu Phe Gln Ala
 165 170 175
 gat ggc ctt tat tat gct gat tat gca gaa aat aat ttc tgg gat ttc
 Asp Gly Leu Tyr Tyr Ala Asp Tyr Ala Glu Asn Asn Phe Trp Asp Phe
 180 185 190
 cgc gat ccg cat gtc ttc att acc ccg aag ata ggc aaa aca tat gcc
 Arg Asp Pro His Val Phe Ile Thr Pro Lys Ile Gly Lys Thr Tyr Ala
 195 200 205
 ttg ttt gaa ggt aat gtt gcc atg gag cgc ggt acg gtc gct gtt ggc
 Leu Phe Glu Gly Asn Val Ala Met Glu Arg Gly Thr Val Ala Val Gly
 210 215 220

gaa gag gaa att ggc cct gtt cca cca aaa acc gaa acc gct gat ggc
 Glu Glu Glu Ile Gly Pro Val Pro Lys Thr Glu Thr Pro Asp Gly
 225 230 235 240
 gct cgc tat tgt gct gct ggc att ggt att gca cag gcc ctt aat gaa
 Ala Arg Tyr Cys Ala Ala Ala Ile Gly Ile Ala Gln Ala Leu Asn Glu
 245 250 255
 gcc cgc acc gaa tgg aaa ttg tta ccg cct ttg gta acc gcc ttt ggt
 Ala Arg Thr Glu Trp Lys Leu Leu Pro Pro Leu Val Thr Ala Phe Gly
 260 265 270 275
 gtc aat gac cag acg gag ccg cct cat gtc gtt ttc cag aat ggc ttg
 Val Asn Asp Gln Thr Glu Arg Pro His Val Val Phe Gln Asn Gly Leu
 280 285
 acc tat ctc ttt acg atc agt cat cat tgc act tat gcc gat ggt ttg
 Thr Tyr Leu Phe Thr Ile Ser His His Ser Thr Tyr Ala Asp Gly Leu
 290 295 300
 tgg ggt cct gat ggg gtt tat ggc ttt gtt tct gaa aac ggc att ttt
 Ser Gly Pro Asp Gly Val Tyr Phe Val Ser Glu Asn Gly Ile Phe
 305 310 315 320
 ggc cct tat gaa ccg ctg aat ggt tcc ggt ttg gtt ctc ggt aac ccg
 Gly Pro Tyr Glu Pro Leu Asn Gly Ser Gly Leu Val Leu Gly Asn Pro
 325 330 335
 tct tca cag cct gat cag gct tat tcc cat tat gtc atg aca aat ggc
 Ser Ser Gln Pro Tyr Gln Ala Tyr Ser His Tyr Val Met Thr Asn Gly
 340 345 350
 ctg gtc acc tcc ttc att gat acc att ccg agt tct gac ccg aat gtc
 Leu Val Thr Ser Phe Ile Asp Thr Ile Pro Ser Ser Asp Pro Asn Val
 355 360 365
 tat cgt tat ggt ggc acc ttg gca ccg acc atc aaa ttg gaa ttg gtt
 Tyr Arg Tyr Gly Gly Thr Leu Ala Pro Thr Ile Lys Leu Glu Leu Val
 370 375 380
 ggc cat cgc agc ttc gtt acc gaa gtg aag ggt tat ggc tat att ccg
 Gly His Arg Ser Phe Val Thr Glu Val Lys Gly Tyr Ile Pro
 385 390 395 400
 cca cag atc gag tgg ttg gca gaa gat gaa tct tct aat tct gcg gca
 Pro Gln Ile Glu Trp Leu Ala Glu Asp Glu Ser Ser Asn Ser Ala Ala
 405 410 415
 gcc ctg tct tta ttg aat aaa taagatttat tcattgtaaa tgaactttct
 Ala Leu Ser Leu Leu Asn Lys
 420
 gattatgctt gaataaagca ttatcatctt ttgagtttat ttaacttaa ggtcatcag
 ggcattttgc cctgagacac ccttctctat tcttaataat aatticaaga aagtgatat
 tactttaaat gtttaatttt aatgcagtc gctgagccg agcccaagcg atgaagtga
 ataaattga ttgacgacc tctatcccg aaatcgacac tgattttccc attatcggtg
 atgactttg gctgtggat acttgccat tacgggat caatggcaat cctgtcagct
 ttaaggctg gaattgatt t